



## 63mm Glycerine Filled Pressure Gauges

**Bottom and back connections available**

Instruments designed for use on power units, pumps, hydro-cleaning machines, presses, engine compressors, turbines, diesel engines, chemical, petrochemical and refrigeration plants and on machines and equipment where pulsating pressures or mechanical vibrations are apparent.

They can be used with gaseous or liquid media which do not corrode copper alloy and which do not have high viscosity or do not crystallize.



### Functional and constructive characteristics:

**Liquid filled:** 6103

**Accuracy:** 1.6% as per UNI 8293

**Ambient temperature:** Max+65°C

**Process temperature:** Max+65°C

**Working pressure:** Max 75% of the full scale value

**Over pressure limit:** (Referred to the full scale value)

25% for pressure ranges up to 100 Bar

15% for pressure ranges over 100 Bar

**Protection:** IP 65 as per IEC 529, UNI 8896

**Socket material:** OT 58 brass

**Elastic element:** Phosphor bronze C-shaped for pressure ranges <40 Bar

Phosphor bronze spiral for pressure ranges 6 – 400 Bar

AISI 316 stainless steel spiral for pressure range = 600 Bar

**Welding:** Tin-copper alloy for pressure ranges <40 Bar

Tin-silver alloy for pressure ranges 6 – 400 Bar

Silver alloy for pressure ranges over 400 Bar

**Case:** AISI 304 stainless steel

**Ring:** AISI 304 stainless steel polished & crimped

**Window:** Glass

**Movement:** OT 59 brass

**Dial:** Aluminium, white with black markings

**Special dials:** Ranges different from standard or custom artwork, available on request.

**Pointer:** Black anodized aluminium

**Gasket:** Silicone rubber

**Blow out vent:** EPDM

**Damping liquids:** Glycerine 98%